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RAW SEQUENCE LISTING

DATE: 07/19/2002

PATENT APPLICATION: US/10/087,631B

TIME: 13:27:48

Input Set : A:\1803.txt

Output Set: N:\CRF3\07192002\J087631B.raw

5 <110> APPLICANT: JAEGER, STEPHAN
 9 <120> TITLE OF INVENTION: A METHOD FOR THE DETERMINATION OF A NUCLEIC ACID USING A
 10 CONTROL
 14 <130> FILE REFERENCE: 1803-335-999
 18 <140> CURRENT APPLICATION NUMBER: 10/087,631B
 20 <141> CURRENT FILING DATE: 2002-03-01
 24 <160> NUMBER OF SEQ ID NOS: 17
 28 <170> SOFTWARE: PatentIn version 3.1
 32 <210> SEQ ID NO: 1
 34 <211> LENGTH: 21
 36 <212> TYPE: DNA
 38 <213> ORGANISM: Artificial Sequence
 40 <220> FEATURE:
 42 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificial sequence to
 exemplify
 43 principle
 47 <400> SEQUENCE: 1
 48 agcgcatgcc agattactgg c 21
 51 <210> SEQ ID NO: 2
 53 <211> LENGTH: 21
 55 <212> TYPE: DNA
 57 <213> ORGANISM: Artificial Sequence
 59 <220> FEATURE:
 61 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificial sequence to
 exemplify
 62 principle
 65 <400> SEQUENCE: 2
 66 tcgcgtacgg tctaatgacc g 21
 69 <210> SEQ ID NO: 3
 71 <211> LENGTH: 33
 73 <212> TYPE: DNA
 75 <213> ORGANISM: Artificial Sequence
 77 <220> FEATURE:
 79 <223> OTHER INFORMATION: Description of Artificial Sequence: ST650 HCV specific probe
 80 sequence
 83 <400> SEQUENCE: 3
 84 cgggtgtactc accgttccg cagaccacta tggc 33
 87 <210> SEQ ID NO: 4
 89 <211> LENGTH: 30
 91 <212> TYPE: DNA
 93 <213> ORGANISM: Artificial Sequence
 95 <220> FEATURE:
 97 <223> OTHER INFORMATION: Description of Artificial Sequence: Sequence ST2535 probe
 sequence

100 <400> SEQUENCE: 4

101 tggactcagt ccttggtca tctcaccttc t

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104 <210> SEQ ID NO: 5
106 <211> LENGTH: 33
108 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
114 <223> OTHER INFORMATION: Description of Artificial Sequence: ST650pc probe sequence
115      (parallel-complementary to ST650)
119 <400> SEQUENCE: 5
120 gccacatgag tggcaaggc gtctggtgat accg      33
123 <210> SEQ ID NO: 6
125 <211> LENGTH: 26
127 <212> TYPE: DNA
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
133 <223> OTHER INFORMATION: Description of Artificial Sequence: sequence ST280 HCV-
specific
134      primer sequence
138 <400> SEQUENCE: 6
139 gcagaaagcg tctagccatg gcgtta      26
142 <210> SEQ ID NO: 7
144 <211> LENGTH: 28
146 <212> TYPE: DNA
148 <213> ORGANISM: Artificial Sequence
150 <220> FEATURE:
152 <223> OTHER INFORMATION: Description of Artificial Sequence: ST778 HCV-specific
primer
153      sequence
157 <400> SEQUENCE: 7
158 gcaagcaccc tatcaggcag taccacaa      28
161 <210> SEQ ID NO: 8
163 <211> LENGTH: 26
165 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
171 <223> OTHER INFORMATION: Description of Artificial Sequence: ST280pc primer parallel
172      complement to ST280
175 <400> SEQUENCE: 8
176 cgtcttttcgc agatcggtac ctcaat      26
179 <210> SEQ ID NO: 9
181 <211> LENGTH: 28
183 <212> TYPE: DNA
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
189 <223> OTHER INFORMATION: Description of Artificial Sequence: ST778pc primer parallel-
190      complement to ST778
193 <400> SEQUENCE: 9
194 cgttcgtggg atagtcggtc atggtggt      28
197 <210> SEQ ID NO: 10
199 <211> LENGTH: 241
201 <212> TYPE: DNA
203 <213> ORGANISM: Artificial Sequence

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205 <220> FEATURE:

207 <223> OTHER INFORMATION: Description of Artificial Sequence: DNA sequence derived by
208 amplification of HCV type 1 using primers ST280 and ST778

212 <400> SEQUENCE: 10

213	gcagaaagcg tctagccatg gcgtagtat gagggtcgtg cagcctccag gacccccct	60
215	cccgggagag ccatagtgtg ctgcggaacc ggtgagtaca ccggaattgc caggacgacc	120
217	gggtcctttc ttggatcaac ccgtcgaatg cctggagatt tggcggtgcc cccgcgagac	180
219	tgctagccga gtagtggttg gtcgcgaaag gccttggtgt actgcctgat aggggtgcttg	240
221	c	241

224 <210> SEQ ID NO: 11

226 <211> LENGTH: 943

228 <212> TYPE: DNA

230 <213> ORGANISM: Artificial Sequence

232 <220> FEATURE:

234 <223> OTHER INFORMATION: Description of Artificial Sequence: QS (pc) HCV being
parallel-

235 complement to according region of HCV type 1 genome

239 <400> SEQUENCE: 11

240	agatctccgc tgtgaggtgg tatctagtga ggggacactc cttgatgaca gaagtgcgtc	60
242	tttcgcagat cggtagccga atcatactca cagcacgtcg gaggtcctgg gggggagggc	120
244	cctctcggta tcaccagacg ccttggccac tcatgtggcc ttaacgggtcc tgctggccca	180
246	ggaaagaacc tagttgggag agttacggac ctctaaaccc gcacgggggc gctctgacga	240
248	tcggtcctac acaaccacgc gctttccgga acaccatgac ggactatccc acgaacgctc	300
250	acggggccct ccagagcatc tggcacgtgg tactcgtgct taggatttgg agtttctttt	360
252	tggtttgcat tgtggttggc ggcaggtgtc ctgcagttca agggcccgc accagtctag	420
254	caaccacctc aaatggacaa cggcgcgctc ccgggggtcca acccacacgc gcgcgagtc	480
256	ttctgaaggc tcgccagcgt tggagcaact tccgctgttg gataggggtt ccgagcggct	540
258	gggtctccgt cccggacccg agtcggggcc atgggaaccg gggagatacc gttactcccg	600
260	tacccacccc gtccatccga ggacagtggg gcaccaagag ccggatcaac cccggggagt	660
262	ctggggggcg catccagcgc attaaaccca ttccagtagc tatgggaatg tacgccgaag	720
264	cggctggagt accccatgta aggcgagcag ccgcggggag atcccccgcg gcggtcccg	780
266	gaccgcgtac cgcaggccca agacctctg ccgcacttga tacgttgtcc cttaaaccgg	840
268	ccaacgagaa agagatagaa ggagaaccca aacgacagaa caaactggta gggtcgaagg	900
270	cgaatacttc acgcgtaaac atgaggatta cccatgtaag ctt	943

273 <210> SEQ ID NO: 12

275 <211> LENGTH: 241

277 <212> TYPE: DNA

279 <213> ORGANISM: Artificial Sequence

281 <220> FEATURE:

283 <223> OTHER INFORMATION: Description of Artificial Sequence: Amplicon derived from QS
(pc)HCV

284 using the primers ST280pc and ST778pc

288 <400> SEQUENCE: 12

289	cgtctttcgc agatcggtag cgcaatcata ctacacgac gtcggagggtc ctggggggga	60
291	gggccctctc ggtatcacca gacgccttgg ccactcatgt ggccttaacg gtccgtgctg	120
293	cccaggaaag aacctagtgt ggcgagttac ggacctctaa acccgacgag gggcgctctg	180
295	acgatcgggt catcacaacc cagcgctttc cggaacacca tgacggacta tcccacgaac	240
297	g	241

300 <210> SEQ ID NO: 13

302 <211> LENGTH: 241

304 <212> TYPE: DNA

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306 <213> ORGANISM: Artificial Sequence
308 <220> FEATURE:
310 <223> OTHER INFORMATION: Description of artificial sequence: Amplicon sequence
derived from
311     QS HCV (HCV amplification control having binding sites for ST280, ST778,
312     and ST2535) using primers ST280 and ST778
316 <400> SEQUENCE: 13
317 gcagaaagcg tctagccatg gcgttagtat agtggcgtga gagcagccct tgcctcgccc      60
319 accgcgcgtc tagaagggtga gatgaccaga ggactgagtc caatgcatgc tggctccgag      120
321 atgctccgca aacttgccgt caacgtgact gcgtacggcg ggcgtgcccg cctggctgtg      180
323 tatgagctgg tgaccgtgat ctggctggag gccttgtggt actgcctgat aggggtgcttg      240
325 c                                                                    241
328 <210> SEQ ID NO: 14
330 <211> LENGTH: 375
332 <212> TYPE: DNA
334 <213> ORGANISM: Artificial Sequence
336 <220> FEATURE:
338 <223> OTHER INFORMATION: Description of Artificial Sequence: ICSJ620 HCV (HCV
specific
339     amplification control having a binding site for ST280 and ST778 and an
340     internal region being parallel-complement to HCV)
344 <400> SEQUENCE: 14
345 agatctcggg cgggggacta cccccgctgt gaggtggtac ttagtgaggg gacactcctt      60
347 gatgacagaa gtggcagaaa gcgtctagcc atggcgttac atactcacag cagctcggag      120
349 gtcctggggg ggagggccct ctgggtatca ccagacgcct tggccactca tgtggcctta      180
351 acggtcctgc tggcccagga aagaacctag tttgggcgag ttacggacct ctaaaccgcg      240
353 acggggggcg tctgacgata ggctcatcac aaccacgcgc ttcccggttg tggactgcc      300
355 tgatagggtg cttgcctcga ggggcccctc agagcatctg gcacgtggaa acatgaggat      360
357 taccatgta agctt                                                                    375
360 <210> SEQ ID NO: 15
362 <211> LENGTH: 242
364 <212> TYPE: DNA
366 <213> ORGANISM: Artificial Sequence
368 <220> FEATURE:
370 <223> OTHER INFORMATION: Description of artificial sequence: Amplicon derived from
ICSJ620.
371     HCV (HCV-specific amplification control) using ST280 and ST778 as primers
374 <400> SEQUENCE: 15
375 gcagaaagcg tctagccatg gcgttacata ctcacagcac gtcggaggtc ctggggggga      60
377 gggccctctc ggtatcacca gacgccttgg ccatcatgtt ggccttaacg gtccctgctg      120
379 cccaggaaaag aacctagttt gggcgagtta cggacctcta aaccgcacg ggggcgctct      180
381 gacgatcggc tcatcacaac ccagcgcttt ccggttgtg tactgcctga tagggtgctt      240
383 gc                                                                    242
386 <210> SEQ ID NO: 16
388 <211> LENGTH: 46
390 <212> TYPE: DNA
392 <213> ORGANISM: Artificial Sequence
394 <220> FEATURE:
396 <223> OTHER INFORMATION: Description of Artificial Sequence: NTQ21-46-A aptamer
sequence
399 <400> SEQUENCE: 16
400 cgatcatctc agaacattct tagcgttttg ttcttgtgta tgcacg      46
403 <210> SEQ ID NO: 17

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405 <211> LENGTH: 21

407 <212> TYPE: DNA

409 <213> ORGANISM: Artificial Sequence

411 <220> FEATURE:

413 <223> OTHER INFORMATION: Description of Artificial Sequence: Sequence to exemplify principle

415 <400> SEQUENCE: 17

416 cggtcattag accgtacgcg a

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VERIFICATION SUMMARY

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